



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Margarita Ortiz-Marciales, et al.) Group Art Unit: Unknown

Application No.: 10/775,011) Examiner: Unknown

Filed: February 9, 2004)

For: EFFICIENT AND CONVENIENT)

PROCEDURE FOR THE SYNTHESIS)

OF B-ALKYLATED)

OXAZABOROLIDINES DERIVED)

FROM EPHEDRINE AND)

NOREPHEDRINE)

CERTIFICATE OF MAILING

Commissioner for Patents

P. O. Box 1450

Alexandria, VA 22313-1450

Sir:

I hereby certify that the attached correspondence including:

- Information Disclosure Statement by Applicant
- Information Disclosure Statement under 37 C.F.R. § 1.97(b)

is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to:

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P. O. Box 1450

Alexandria, VA 22313-1450

February 29, 2004

By:

Elena M. Jiménez



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Applicant: Margarita Ortiz-) Group Art Unit: Unknown
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Application No.: 10/775,011) Examiner: Unknown
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Filed: February 9, 2004) INFORMATION DISCLOSURE
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)
For: EFFICIENT AND CONVENIENT) STATEMENT UNDER 37 C.F.R. §
PROCEDURE FOR THE)
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Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicants bring to the attention of the Examiner the documents listed on the attached form. A first office action has not been issued in this case. Copies of the listed publications are attached.

Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art". If the Examiner applies any of the documents as prior art against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

Respectfully submitted,

February 29, 2004

By:



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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if known

Application Number	10/775,011
Filing Date	2-9-2004
First Named Inventor	Ortiz-Marciales
Group Art Unit	Unknown
Examiner Name	Unknown

Attorney Docket Number UPR-3100

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U. S. Patent Document	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number		
	AA	6,005,133	Quallich	12-21-1999
	AB	6,020,495	Sun, et al.	02-01-2000
	AC	6,037,505	Quallich	03-14-2000
	AD	US2002/0038053 A1	Draper	03-28-2002
	AE			
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FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Documents MM-DD-YYYY
		Country	Number		
	BA				
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	BI				
	BJ				

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Group Art Unit			Unknown	
Examiner Name			Unknown	
Sheet	2	of	4	Attorney Docket Number UPR-3100

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTER), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page (s), volume-issue number(s), publisher, city and/or country where published.
	CA	SHINICHI ITSUNO, KOICHI ITO, AKIRA HIRAO and SEIICHI NAKAHAMA; <i>Asymmetric Reduction of Aliphatic Ketones with The Reagent Prepared from (S)-(-)-2-Amino-3-methyl-1, 1-diphenylbutan-1-Ol And Borane</i> ; <i>J. Org. Chem.</i> ; 1984; pp. 555-557; School of Materials Science, Toyohashi, Japan; Department of Polymer Science, Tokyo, Japan.
	CB	ELIAS J. COREY and CHRISTOPHER J. HELAL; <i>Reduction of Carbonyl Compounds with Chiral Oxazaborolidine Catalysts; A New Paradigm for Enantioselective Catalysis and a Powerful New Synthetic Method</i> ; <i>Angewandte Chemie</i> ; 1988; pp. 1986-2012; Germany.
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	CD	N. N. JOSHI, M. SREBNIK, and HERBERT C. BROWN; <i>Chiral Oxazaborolidines as Catalysts for the Enantioselective Addition of Diethylzinc to Aldehydes</i> ; <i>Tetrahedron Letters</i> , 1989; pp. 5551-5554; Great Britain.
	CE	JOHN M. BROWN and GUY C. LLOYD-JAMES; <i>Catalytic Asymmetric Hydroboration with Oxazaborolidines</i> ; <i>Tetrahedron: Asymmetry</i> ; 1990; pp. 869-872; Great Britain.
	CF	VINOD K. SINGH; <i>Practical and Useful Methods for Enantioselective Reduction of Unsymmetrical Ketones; Review</i> ; Indian Institute of Technology; 1991; pp. 605-617; India.
	CG	LAURENT DELOUX and MORRIS SREBNIK; <i>Asymmetric Boron-Catalyzed Reactions</i> ; <i>Chem. Rev.</i> ; 1992; pp. 763-784; University of Toledo, Ohio, USA.
	CH	BYUNG TAE CHO and YU SUNG CHUN; <i>Asymmetric Borane Reduction of Achiral Ketones Mediated by a Chiral Oxazaborolidine Derived from (-)-Ephedrine</i> ; <i>Tetrahedron: Asymmetry</i> ; 1992; pp. 1539-1542; Great Britain.
	CI	SABINE WALLBAUM and JURGEN MARTENS; <i>Asymmetric Syntheses with Chiral Oxazaborolidines</i> ; <i>Tetrahedron: Asymmetry</i> ; 1992; pp. 1475-1504; Great Britain.
	CJ	P. Y. CHAVANT and M. VAULTIER; <i>Preparation of some organo-bis (diisopropylamino) boranes and their Application to the Synthesis of Oxazaborolidines</i> ; <i>Journal of Organometallic Chemistry</i> ; 1992; pp. 37-46; France
	CK	D. J. MATHRE, ANDRE S. THOMPSON, ALAN W. DOUGLAS, KARST HOOSTEEN, JAMES D. CARROLL, EDWARD G. CORLEY, and EDWARD J. J. GRABOWSKI; <i>A Practical Process for the Preparation of Hydro-1-methyl-3,3-diphenyl-1H,3H-pyrrolo[1,2-c]oxazaborole-borane. A Highly Enantioselective Stoichiometric and Catalytic Reducing Agent</i> ; <i>J. Org. Chem.</i> ; 1993; pp. 2880-2888; New Jersey, USA.

Examiner Signature		Date Considered	
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	CL	JOHN M. BROWN, GUY C. LLOYD-JONES, and TIMOTHY P. LAYZELL; <i>Reversible Dimerisation of Ephedrine-derived Oxazaborolidines</i> ; <i>Tetrahedron: Asymmetry</i> ; 1993; pp. 2151-2154; Great Britain.
	CM	MASAKO NAKAGAWA, TOMOHIKO KAWATE, TARO KAKIKAWA, HIDEKI YAMADA, TERUAKI MATSUI, and TOHRU HINO; <i>Asymmetric Reductions of Imines and Ketones by Chiral Oxaborolidines</i> ; <i>Tetrahedron: Asymmetry</i> ; 1993; PP. 1739-1748; Chiba University; Japan; Great Britain.
	CN	RAMON BERENGUER, JORDI GARCIA, and JAUME VILARRASA; <i>Selective Reduction of Ketones Catalysed by Oxazaborolidines Prepared from Phenylglycine</i> ; <i>Tetrahedron: Asymmetry</i> ; 1994; pp. 165-168; University of Barcelona, Spain; Great Britain.
	CO	VESA NEVALAINEN; <i>Quantum Chemical Modeling of Chiral Catalysis. Part 16. On the Isomerism of Dimers of Chiral Oxazaborolidines used in the Catalytic Enantioselective Reduction of Ketones</i> ; <i>Tetrahedron: Asymmetry</i> ; 1994; pp. 387-394; University of Helsinki, Finland; Great Britain.
	CP	GEORGE J. QUALLICH, JAMES F. BLAKE, and TERESA M. WOODALL; <i>Oxazaborolidines Structure and Enantioselectivity Relationships</i> ; <i>J. Am. Chem. Soc.</i> ; 1994; pp. 8516-8525; USA.
	CQ	BYUNG TAE CHO, YU SUNG CHUN, CH. DAUELSBERG, SABINE WALLBAUM, and JÜRGEN MARTENS; <i>Catalytic Enantioselective Reactions. Part 2. A Comparison Study of Asymmetric Borane Reduction of Prochiral Ketones Catalyzed by Chiral Oxazaborolidines</i> ; <i>Communications to the Editor</i> ; 1994; pp. 101-103; Germany
	CR	BYUNG TAE CHO, MI HAE RYU, YU SUNG CHUN, CH. DAUELSBERG, SABINE WALLBAUM, and JÜRGEN MARTENS; <i>A Direct Comparison Study of Asymmetric Borane Reduction of C=N Double Bond Mediated by Chiral Oxazaborolidines</i> ; <i>Bull. Korean Chem. Soc.</i> , 1994; pp.53-57; Republic of Korea/Germany.
	CS	E. J. COREY and KARLENE A. CIMPRESS; <i>Highly Enantioselective Alkylation of Aldehydes Promoted by Chiral Oxazaborolidines</i> ; <i>J. Am. Chem. Soc.</i> ; 1994; pp. 3151-3152; USA
	CT	CLAUDE CAZE, NOUREDDINE EL MOUALIJ, PHILIP HODGE, CHRISTOPHER J. LOCK, and JIANBIAO MA; <i>Some Enantioselective Borane Reductions of Prochiral Ketones Catalysed by Polymer-supported Oxazaborolidines Bound via the Boron Atom</i> ; <i>J. Chem. Soc. Perkin Trans.</i> ; 1995; pp. 345-349; France/United Kingdom
	CU	JORDI BACH, RAMON BERENGUER, JORDI GARCIA, TERESA LOSCERTALES, and JAUME VILARRASA; <i>Highly Enantioenriched Propargylic Alcohols by Oxazaborolidine-Mediated Reduction of Acetylenic Ketones</i> ; <i>J. Org. Chem.</i> ; 1996; pp. 9021-9025; Spain/USA
	CV	AHMED F. ABDEL-MAGID; <i>Reductions in Organic Synthesis. Recent Advances and Practical Applications</i> ; American Chemical Society; 1996; pp. 112-126; USA

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	CW	JOHN T. DOUGHERTY, JOSEPH R. FLISAK, JEROME HAYES, IVAN LANTOS, LI LIU, and LYNN TUCKER; <i>Asymmetric reduction of ketoxime ethers to optically active O-substituted hydroxylamines with reagents prepared from borane and chiral amino alcohols</i> ; <i>Tetrahedron: Asymmetric</i> ; 1997; pp. 497-499; Great Britain
	CX	BYUNG TAE CHO, and YU SUNG CHUN; <i>Facile Synthesis of Terminal 1,2-Diols with High Optical Purity via Oxazaborolidine-Catalyzed Asymmetric Borane Reduction</i> ; <i>J. Org. Chem.</i> ; 1998; pp. 5280-5282; USA
	CY	ALBERTO ROSENDO RICO, MARGARITA TLAHUEXTL, ANGELINA FLORES-PARRA, ROSALINDA CONTRERAS; <i>Addition reactions of protonic reagents to optically active 2-phenyl-1,3,2-oxazaborolidines</i> ; <i>Journal of Organometallic Chemistry</i> ; 1998; pp. 122-128; México/USA
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	DB	
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